

INSPECTION CHECKLIST

NAME OF DAM: _____
COUNTY: _____
SCS ID#: _____
FIELD OFFICE: _____
HAZARD CLASS: _____
PURPOSE OF DAM: _____

OWNER/OPERATOR: _____
DATE INSPECTED: _____
WEATHER: _____
TEMPERATURE: _____
POOL ELEVATION: _____
TAILWATER ELEVATION: _____

DIRECTIONS: Mark an "X" in the YES or NO column.
If an item does not apply, write "NA" in the REMARKS column.

ITEM	YES	NO	REMARKS
1. CREST OF FILL.			
a. Any visual settlements?			
b. Misalignment?			
c. Cracking?			
2. UPSTREAM SLOPE.			
a. Inadequate vegetative cover?			
b. Any erosion?			
c. Are trees growing on slope?			
d. Any drift debris present?			
e. Longitudinal cracks?			
f. Transverse cracks?			
g. Inadequate riprap protection?			
h. Any stone deterioration?			
i. Visual depressions or bulges?			
j. Visual settlements?			
k. Animal burrows?			
3. DOWNSTREAM SLOPE.			
a. Inadequate vegetative cover?			
b. Any erosion?			
c. Are trees growing on slope?			
d. Longitudinal cracks?			
e. Transverse cracks?			
f. Visual depressions or bulges?			
g. Visual settlements?			
h. Is the toe or foundation drain wet?			
i. Are boils present at the toe?			
j. Is seepage present?			
k. Animal burrows?			
4. ABUTMENT CONTACTS			
a. Any erosion?			
b. Visual differential movement?			
c. Any cracks noted?			
d. Is seepage present?			
e. Visual slips?			
5. INTAKE STRUCTURE			
a. Do concrete surfaces show:			
(1) Spalling?			
(2) Cracking?			
(3) Erosion?			
(4) Scaling?			

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ITEM	YES	NO	REMARKS
(5) Cavitation?			
(6) Exposed reinforcement?			
(7) Other?			
b. Do the joints show:			
(1) Displacement or offset?			
(2) Loss of joint material?			
(3) Leakage?			
c. Metal appurtenances:			
(1) Corrosion present?			
(2) Breakage present?			
(3) Anchor system not secure?			
6. PRINCIPAL SPILLWAY CONDUIT			
a. If the conduit is concrete, do concrete surfaces show:			
(1) Spalling?			
(2) Cracking?			
(3) Erosion?			
(4) Scaling?			
(5) Exposed reinforcement?			
(6) Other?			
b. If the conduit is metal:			
(1) Corrosion present?			
(2) Protective coatings inadequate?			
(3) Is the conduit misaligned?			
c. For any material, do the joints show:			
(1) Displacement or offset?			
(2) Loss of joint material?			
(3) Leakage?			
7. CATHODIC PROTECTION			
a. Any exposed wires?			
b. Continuity lost?			
c. Pipe to soil potential (show voltage).			
d. Current flow from pipe to anodes? (show amp).			
8. OUTLET STRUCTURE			
a. If the structure is concrete, do concrete surfaces show:			
(1) Spalling?			
(2) Cracking?			
(3) Erosion?			
(4) Scaling?			
(5) Exposed reinforcement?			
(6) Other?			
b. Do the joints show:			
(1) Displacement or offset?			
(2) Loss of joint material?			
(3) Leakage?			
c. Do the energy dissipators show:			
(1) Signs of deterioration?			
(2) Covered with debris?			
(3) Other?			

ITEM	YES	NO	REMARKS
d. Hydraulically formed or excavated scour hole:			
(1) Is scour hole unstable?			
(2) Boils in scour hole?			
(3) Trees or willows in or around scour hole?			
(4) Riprap inadequate?			
(5) Is seepage present?			
e. Is released water:			
(1) Undercutting the outlet?			
(2) Eroding the embankment?			
f. Is the outlet channel:			
(1) Eroding or backcutting?			
(2) Sloughing?			
(3) Obstructed?			
9. VEGETATED SPILLWAY.			
a. Spillway cut slope:			
(1) Inadequate vegetative cover?			
(2) Are slopes eroding?			
(3) Are slopes sloughing?			
(4) Other?			
b. Outlet Channel:			
(1) Inadequate vegetative cover?			
(2) Eroding or backcutting?			
(3) Obstructed?			
c. Has released water:			
(1) Eroded the embankment?			
(2) Undercut the outlet?			
(3) Other?			
d. Is control not at the level section?			
10. GATES OR VALVES.			
a. Are gates, valves or stems:			
(1) Broken or bent?			
(2) Corroded or rusted?			
(3) Not maintained?			
(4) Not operational?			
(5) Date last operated?			
11. FOUNDATION DRAINAGE.			
a. Are outlet pipes:			
(1) Broken, bent, or missing?			
(2) Corroded or rusted?			
(3) Not operational?			
b. Is the discharge:			
(1) Excessive?			
(2) Obstructed?			
(3) Show piping materials?			
12. RESERVOIR CONTROL.			
a. Recent upstream development?			
b. Slides in reservoir area?			
c. Change in reservoir operation?			
d. No large impoundment upstream?			
e. Excessive sedimentation?			

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ITEM	YES	NO	REMARKS
13. OUTLET CHANNEL.			
a. Inadequate vegetative cover?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b. Any erosion?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c. Any silt bars?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d. Any tree growth?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e. Inadequate armor protection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
14. OBSERVATION WELLS AND PIEZOMETERS.			
a. Inadequate mechanical protection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b. Not operative?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c. Other?	<input type="checkbox"/>	<input type="checkbox"/>	
15. AREA BELOW DAM.			
a. Recent downstream development?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b. Boils in area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c. Seepage or wetness?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
d. Slides or sloughing?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
e. Obstructions?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Other comments:

	Name	Title	Date
This dam was inspected by:	_____	_____	_____
Owner/Sponsor/Representative	_____	_____	_____
SWCD Representative	_____	_____	_____
SCS District Conservationist or Representative	_____	_____	_____